

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Single/Multiple Station Smoke Detector-Ionization

LISTEE: BRK, 3901 W Liberty St Rd., Aurora, IL 60504-8122
Contact: Mark Dippner, (630) 851-9309

DESIGN: Model SC6120B single/multiple station, 120 Vac with battery backup, combination smoke (ionization type) and carbon monoxide (CO) alarm. "Latching" feature identifies the initiating alarm. Unit incorporates the "hush" feature that can silence the alarm. For CO alarm, the unit produces the repeating sound every 1-1/2 seconds for as long as the device is in alarm. Unit employs a mandatory smoke overriding feature as the primary signal should both conditions exist simultaneously. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 120 VAC, w/ 9V Replacement batteries, Models Ultralife U9VL-J, Duracell MN1604, MX1604 or Eveready 522.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as combination ionization smoke and carbon monoxide detector. Unit must be used with the above mentioned batteries. The unit can generate a distinctive temporal code pattern fire alarm signal in accordance with NFPA 72, 1999 Edition. Refer to listee's Installation Instructions Manual for details.

NOTE: The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires that smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

Rev. 11-14-2002



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

NOVEMBER 14, 2002

*Listing Expires **June 30, 2003***

Authorized By:

DIANE K. AREND, Senior Deputy
Program Manager